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Date: 02/10/2003

Time: 05:53

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|---|------|-----|-------|---|-------|---------------------|
| 1 | BRS | L1 | 56778 | ((hand-held) or (hand adj held) or (portable with data) or (pds)) | USPAT | 2003/02/10 05:49 |
| 2 | BRS | L2 | 10081 | 1 and scann\$ | USPAT | 2003/02/10 05:47 |
| 3 | BRS | L3 | 4589 | 2 and (keys or keyboard) | USPAT | 2003/02/10 05:48 |
| 4 | BRS | L4 | 2366 | 3 and screen\$ | USPAT | 2003/02/10 05:51 |
| 5 | BRS | L5 | 1765 | 4 and ((hand-held) or (hand adj held)) | USPAT | 2003/02/10 05:50 |
| 6 | BRS | L6 | 1536 | 5 and (via or web) | USPAT | 2003/02/10 05:50 |
| 7 | BRS | L7 | 57 | 6 and (screen adj input) | USPAT | 2003/02/10 05:51 |

| | Comments | Error Definition | Errors |
|---|----------|-------------------------|--------|
| 1 | | | 0 |
| 2 | | | 0 |
| 3 | | | 0 |
| 4 | | Truncation overflow. | 1 |
| 5 | | | 0 |
| 6 | | | 0 |
| 7 | | | 0 |

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| 1 | <input type="checkbox"/> | <input type="checkbox"/> | US 6515595 B1 | 20030204 | 63 |
| 2 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6507352 B1 | 20030114 | 70 |
| 3 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6496836 B1 | 20021217 | 17 |
| 4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6445364 B1 | 20020903 | 18 |
| 5 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6443894 B1 | 20020903 | 14 |
| 6 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6443843 B1 | 20020903 | 29 |
| 7 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6424332 B1 | 20020723 | 18 |
| 8 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6408952 B1 | 20020625 | 29 |
| 9 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6408330 B1 | 20020618 | 74 |
| 10 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6389311 B1 | 20020514 | 51 |
| 11 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6330482 B1 | 20011211 | 12 |
| 12 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6289239 B1 | 20010911 | 51 |

| | Title | Current OR | Current XRef | Retrieval Classif |
|----|--|------------|--|----------------------|
| 1 | Personal communication and positioning system | 340/905 | 340/988; 340/995; 701/213 | |
| 2 | Apparatus and method for displaying a menu with an interactive retail terminal | 345/817 | 345/810; 705/16; 705/27 | |
| 3 | Symbol-based memory language system and method | 707/104.1 | 340/7.56; 379/226; 455/456; 709/206; 710/8 | |
| 4 | Portable game display and method for controlling same | 345/8 | 345/156; 345/157; 345/158; 345/729; 345/781; 345/800; 463/34; 708/131; 708/141 | |
| 5 | Medical diagnostic ultrasound system and method for mapping surface data for three dimensional imaging | 600/443 | 128/916; 600/441 | |
| 6 | System to provide game play for products | 463/42 | 705/16; 705/26 | |
| 7 | Image comparison apparatus and method | 345/156 | 345/173; 345/176; 345/9 | |
| 8 | Remote lock-out system and method for a horizontal direction drilling system | 175/24 | 175/27; 175/45; 340/853.4; 340/853.6 | |
| 9 | Remote data collecting and address providing method and apparatus | 709/217 | 709/250; 709/328 | |
| 10 | Systems and methods using annotated images for controlling the use of diagnostic or therapeutic instruments in interior body regions | 600/523 | | |
| 11 | Communications, information, maintenance diagnostic and training system | 700/9 | 700/17; 700/83; 709/200 | |
| 12 | Interactive systems and methods for controlling the use of diagnostic or therapeutic instruments in interior body regions | 600/523 | | |

| | Inventor | S | C | P | 2 | 3 | 4 | 5 | Image Doc. Displayed | PT |
|----|-----------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|
| 1 | Obradovich, Michael L. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6515595 | <input type="checkbox"/> |
| 2 | Cohen, Sally M. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6507352 | <input type="checkbox"/> |
| 3 | Ronchi, Martino et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6496836 | <input type="checkbox"/> |
| 4 | Zwern, Arthur L. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6445364 | <input type="checkbox"/> |
| 5 | Sumanaweera, Thilaka S. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6443894 | <input type="checkbox"/> |
| 6 | Walker, Jay S. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6443843 | <input type="checkbox"/> |
| 7 | Powell, Douglas H. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6424332 | <input type="checkbox"/> |
| 8 | Brand, Ivan R. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6408952 | <input type="checkbox"/> |
| 9 | DeLaHueraga, Carlos | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6408330 | <input type="checkbox"/> |
| 10 | Whayne, James G. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6389311 | <input type="checkbox"/> |
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| 12 | Panescu, Dorin et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6289239 | <input type="checkbox"/> |

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| 13 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6288707 B1 | 20010911 | 13 |
| 14 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6256009 B1 | 20010703 | 20 |
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| 16 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6192266 B1 | 20010220 | 51 |
| 17 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6177926 B1 | 20010123 | 23 |
| 18 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6151581 A | 20001121 | 69 |
| 19 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6148261 A | 20001114 | 45 |
| 20 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6133853 A | 20001017 | 61 |
| 21 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6129449 A | 20001010 | 13 |
| 22 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6115626 A | 20000905 | 51 |
| 23 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6106460 A | 20000822 | 51 |
| 24 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6098886 A | 20000808 | 14 |

| | Title | Current OR | Current XRef | Retrieval Classif |
|----|--|------------|--|----------------------|
| 13 | Capacitive position sensor | 345/168 | 341/22; 345/173 | |
| 14 | Method for automatically and intelligently scrolling handwritten input | 345/684 | 178/18.03; 345/173; 345/784 | |
| 15 | Fund-raising terminal and method for accepting monetary contributions by use of an information bearing card | 235/380 | 235/462.45; 235/472.01 | |
| 16 | Systems and methods for controlling the use of diagnostic or therapeutic instruments in interior body regions using real and idealized images | 600/427 | 600/523 | |
| 17 | Hand-held computer having input screen and means for preventing inadvertent actuation of keys | 345/173 | 178/18.03; 345/156 | |
| 18 | System for and method of collecting and populating a database with physician/patient data for processing to improve practice quality and healthcare delivery | 705/3 | 705/10; 705/2; 707/102 | |
| 19 | Personal communication system to send and receive voice data positioning information | 701/208 | 340/286.01; 340/988; 340/995; 701/213; 701/300 | |
| 20 | Personal communication and positioning system | 340/905 | 340/488; 340/991; 340/995; 701/117 | |
| 21 | Self-contained portable computing unit | 700/244 | 345/173; 361/679 | |
| 22 | Systems and methods using annotated images for controlling the use of diagnostic or therapeutic instruments in instruments in interior body regions | 600/427 | 600/523 | |
| 23 | Interface for controlling the display of images of diagnostic or therapeutic instruments in interior body regions and related data | 600/300 | | |
| 24 | Glove-mounted system for reading bar code symbols | 235/472.01 | 235/462.44 | |

| | Inventor | S | C | P | 2 | 3 | 4 | 5 | Image Doc. Displayed | PT |
|----|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|
| 13 | Philipp, Harald | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6288707 | <input type="checkbox"/> |
| 14 | Lui, Charlton E. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6256009 | <input type="checkbox"/> |
| 15 | Ziarno, Witold A. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6253998 | <input type="checkbox"/> |
| 16 | Dupree, Daniel A. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6192266 | <input type="checkbox"/> |
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| 18 | Kraftson, Raymond H. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6151581 | <input type="checkbox"/> |
| 19 | Obradovich, Michael L. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6148261 | <input type="checkbox"/> |
| 20 | Obradovich, Michael L. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6133853 | <input type="checkbox"/> |
| 21 | McCain, Joseph H. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6129449 | <input type="checkbox"/> |
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| 25 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6085972 A | 20000711 | 58 |
| 26 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6072475 A | 20000606 | 17 |
| 27 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6065677 A | 20000523 | 57 |
| 28 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6062478 A | 20000516 | 57 |
| 29 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6062477 A | 20000516 | 58 |
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| 31 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6053411 A | 20000425 | 59 |
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| 35 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6024281 A | 20000215 | 9 |
| 36 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6014581 A | 20000111 | 51 |
| 37 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5996080 A | 19991130 | 16 |

| | Title | Current OR | Current XRef | Retrieval Classif |
|----|---|------------|--|----------------------|
| 25 | Retail terminal having a tilt mechanism which includes a ratchet member for positioning a display monitor relative to a stationary base | 235/375 | 248/923 | |
| 26 | Touch screen | 345/173 | 345/156 | |
| 27 | Retail terminal having a base assembly which is mountable on any one of a plurality of mounting plates and associated method | 235/462.43 | | |
| 28 | Method of operating a retail terminal having a core module assembly which is movable between a number of base assemblies | 235/462.47 | 235/462.43 | |
| 29 | Apparatus and method of operating a retail terminal having a single-orientation base assembly and a multiple-orientation base assembly | 235/462.43 | 235/383 | |
| 30 | Retail terminal which is configured to protect electrical cables interfaced thereto and associated method | 235/462.43 | 235/375 | |
| 31 | Retail terminal and associated mounting method | 235/462.43 | | |
| 32 | Retail terminal having a plurality of base assemblies each of which includes a separate power supply and associate method | 235/462.43 | 361/725 | |
| 33 | Electronic promotional game | 463/17 | 273/139; 463/16 | |
| 34 | Hand-held portable data collection terminal system | 235/472.01 | 235/447; 235/456; 235/462.15; 235/477 | |
| 35 | Nutritional information system for shoppers | 235/375 | 235/380; 235/383 | |
| 36 | Interface for performing a diagnostic or therapeutic procedure on heart tissue with an electrode structure | 600/523 | | |
| 37 | Safe, virtual trigger for a portable data capture terminal | 713/320 | 345/169; 345/173 | |

| | Inventor | S | C | P | 2 | 3 | 4 | 5 | Image Doc. Displayed | PT |
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| 26 | van Ketwich, Johan Richard | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6072475 | <input type="checkbox"/> |
| 27 | Lippert, Kurt J. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6065677 | <input type="checkbox"/> |
| 28 | Izaguirre, Jose L. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6062478 | <input type="checkbox"/> |
| 29 | Wike, Jr., Charles K. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6062477 | <input type="checkbox"/> |
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| 31 | Nugent, Jr., Paul F. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6053411 | <input type="checkbox"/> |
| 32 | Wike, Jr., Charles K. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6053410 | <input type="checkbox"/> |
| 33 | Humble, David R. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6048268 | <input type="checkbox"/> |
| 34 | Durbin, Dennis A. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6039258 | <input type="checkbox"/> |
| 35 | Shepley, Kenneth James | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6024281 | <input type="checkbox"/> |
| 36 | Whayne, James G. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6014581 | <input type="checkbox"/> |
| 37 | Silva, Dennis et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 5996080 | <input type="checkbox"/> |

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| 38 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5978225 A | 19991102 | 58 |
| 39 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5973922 A | 19991026 | 58 |
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| 41 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5895902 A | 19990420 | 57 |
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| 49 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5696366 A | 19971209 | |
| 50 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5687971 A | 19971118 | |

| | Title | Current OR | Current XRef | Retrieval Classif |
|----|---|------------|--|----------------------|
| 38 | Apparatus and method for dissipating heat from a core module assembly of a retail terminal | 361/707 | 165/80.2; 165/80.3; 361/688; 361/690; 361/704; 361/709; 361/713; 361/719; 454/184 | |
| 39 | Apparatus and method of securing a heat dissipating cover to a thermally conductive housing associated with a retail terminal | 361/704 | 165/104.33; 165/80.2; 174/16.3; 257/718; 361/687; 361/688; 361/707; 361/713; 361/714 | |
| 40 | Portable data collection terminal with handwritten input area | 235/462.15 | | |
| 41 | Method of contributions management, and device and networks therefor | 235/380 | 705/45 | |
| 42 | Method and apparatus for decompiling a compiled interpretive code | 717/137 | | |
| 43 | Nutritional information system for shoppers | 235/375 | 235/380; 700/90 | |
| 44 | Control of miniature personal digital assistant using menu and thumbwheel | 345/184 | 345/684; 345/864; 368/10 | |
| 45 | Computer programmed soft keyboard system, method and apparatus having user input displacement | 345/840 | 341/24; 345/178; 379/93.19 | |
| 46 | Modular hand-held data capture terminal | 361/686 | 235/472.01; 361/683; 361/684 | |
| 47 | Reader module for reading bar code symbols when connected to or disconnected from a terminal module | 235/462.3 | 235/383; 235/454; 235/462.45 | |
| 48 | Finger operated digital input device | 345/156 | 345/163 | |
| 49 | Method for streamlining the giving of contribution and gift commitments | 235/380 | 705/40 | |
| 50 | Bingo game management method | 273/269 | 463/16; 463/19 | |

| | Inventor | S | C | P | 2 | 3 | 4 | 5 | Image Doc. Displayed | PT |
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| 38 | Kamphuis, Kevin L. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 5978225 | <input type="checkbox"/> |
| 39 | Kamphuis, Kevin L. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 5973922 | <input type="checkbox"/> |
| 40 | Danielson, Arvin D. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 5914481 | <input type="checkbox"/> |
| 41 | Ziarno, Witold A. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 5895902 | <input type="checkbox"/> |
| 42 | Bradley, Shayne P. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 5860008 | <input type="checkbox"/> |
| 43 | Shepley, Kenneth James | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 44 | Will, Craig Alexander | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 45 | Bertram, Randal Lee et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 46 | Friend, Steven Darren et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 47 | Swift, Philip W. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 48 | Kent, Robert Hormann et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
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| 51 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5665952 A | 19970909 | |
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| 53 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5309351 A | 19940503 | |
| 54 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5251294 A | 19931005 | |
| 55 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5233513 A | 19930803 | |
| 56 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4866634 A | 19890912 | |
| 57 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4730186 A | 19880308 | |

| | Title | Current OR | Current XRef | Retrieval Classif |
|----|---|------------|--|----------------------|
| 51 | Method of streamlining the acknowledgement of a multiplicity of contribution or gift commitments made at a plurality of remote locations to distinct fund-raising organizations and gift recipients and system therefor | 235/380 | 705/1 | |
| 52 | Method of fund-raising with a keyless contribution and gift commitment management device | 235/380 | 235/375; 235/376; 235/379; 235/385; 235/472.02; 705/1; 902/4 | |
| 53 | Communications, information, maintenance diagnostic and training system | 700/3 | 340/3.32; 340/3.71; 340/825.72; 359/144; 700/80; 702/185 | |
| 54 | Accessing, assembling, and using bodies of information | 715/512 | 345/967 | |
| 55 | Business modeling, software engineering and prototyping method and apparatus | 705/7 | 705/1 | |
| 56 | Data-driven, functional expert system shell | 706/60 | 705/38; 706/11; 706/925 | |
| 57 | Input integrated flat panel display system | 345/179 | 178/18.03; 345/182; 345/667 | |

| | Inventor | S | C | P | 2 | 3 | 4 | 5 | Image Doc. Displayed | PT |
|----|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|
| 51 | Ziarno, Witold A. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 52 | Ziarno, Witold A. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 53 | McCain, Joseph H. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 54 | Abelow, Daniel H. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 55 | Doyle, William P. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 56 | Reboh, Rene et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 57 | Koga, Kazuyoshi et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |

Printed by EAST

UserID: SAzarian

Computer: WS08483

Date: 02/10/2003

Time: 05:56

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
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| 1 | BRS | L1 | 221 | (382/313).ccls. | USPAT | 2003/02/10 05:54 |
| 2 | BRS | L2 | 78 | 1 and (keys or keyboard) | USPAT | 2003/02/10 05:56 |

| | Comments | Error Definition | Err ors |
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| 1 | <input type="checkbox"/> | <input type="checkbox"/> | US 6456740 B1 | 20020924 | 13 |
| 2 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6445820 B1 | 20020903 | 15 |
| 3 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6441927 B1 | 20020827 | 16 |
| 4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6392632 B1 | 20020521 | 11 |
| 5 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6334003 B1 | 20011225 | 14 |

| | Title | Current OR | Current XRef | Retrieval Classif |
|---|---|------------|---|----------------------|
| 1 | System and method for identifying form type in a handwriting recognition based form completion system | 382/187 | 178/18.01; 178/18.03; 358/473; 358/478; 382/181; 382/186; 382/188; 382/202; 382/306; 382/313; 382/314; 715/500; 715/505; 715/506; 715/507; 715/541 | |
| 2 | Method for conducting analysis of handwriting | 382/187 | 382/115; 382/116; 382/119; 382/154; 382/181; 382/186; 382/188; 382/202; 382/218; 382/313; 382/314; 902/3; 902/5 | |
| 3 | Appliance and method for viewing captured images | 358/473 | 382/313 | |
| 4 | Optical mouse having an integrated camera | 345/158 | 345/156; 345/163; 345/166; 382/313; 382/314 | |
| 5 | Data input system for enabling data input by writing without using tablet or the like | 382/313 | 345/179; 358/473; 358/478; 382/120; 382/121; 382/122; 382/181; 382/187; 382/188; 382/202; 382/309; 382/312 | |

| | Inventor | S | C | P | 2 | 3 | 4 | 5 | Image Doc. Displayed | PT |
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| 1 | Carini, Paul Robert et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6456740 | <input type="checkbox"/> |
| 2 | Love, Patrick B. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6445820 | <input type="checkbox"/> |
| 3 | Dow, James C. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6441927 | <input type="checkbox"/> |
| 4 | Lee, Wen-Chieh Geoffrey | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6392632 | <input type="checkbox"/> |
| 5 | Yokota, Kazuaki | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6334003 | <input type="checkbox"/> |

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| 6 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6333988 B1 | 20011225 | 13 |
| 7 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6320974 B1 | 20011120 | 16 |
| 8 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6310988 B1 | 20011030 | 42 |
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| 10 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6295391 B1 | 20010925 | 20 |
| 11 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6295390 B1 | 20010925 | 21 |
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| 13 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6289140 B1 | 20010911 | 14 |
| 14 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6275309 B1 | 20010814 | 18 |
| 15 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6226422 B1 | 20010501 | 14 |
| 16 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6208435 B1 | 20010327 | 10 |
| 17 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6104845 A | 20000815 | 21 |
| 18 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6081629 A | 20000627 | 10 |
| 19 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6064779 A | 20000516 | 12 |

| | Title | Current OR | Current XRef | Retrieval Classif |
|----|--|------------|---|----------------------|
| 6 | Personal identification | 382/117 | 351/206; 351/210; 351/221; 382/313; 396/18 | |
| 7 | Stand-alone biometric identification system | 382/115 | 340/5.8; 361/680; 361/682; 361/683; 361/727; 382/118; 382/119; 382/313 | |
| 8 | Methods and apparatus for camera pen | 382/313 | 382/189; 382/309 | |
| 9 | Digital camera and document processing system using the digital camera | 355/18 | 358/488; 382/112; 382/164; 382/289; 382/313; 382/317; 382/318; 382/321; 396/429 | |
| 10 | Automatic data routing via voice command annotation | 382/313 | 381/110; 382/312; 382/321; 704/275 | |
| 11 | Image input/output apparatus with light illumination device for two-dimensional illumination | 382/313 | 358/473; 358/474 | |
| 12 | Image recording device | 382/313 | 358/473 | |
| 13 | Voice control input for portable capture devices | 382/313 | 704/275 | |
| 14 | Lightweight mobile scanners | 358/473 | 382/313 | |
| 15 | Voice annotation of scanned images for portable scanning applications | 382/313 | 382/312 | |
| 16 | Method and apparatus for providing a handheld scanner-dictionary apparatus | 358/473 | 382/313 | |
| 17 | Hand-held scanner with rotary position detector | 382/313 | 235/472.01; 358/473 | |
| 18 | Handheld scanner and accompanying remote access agent | 382/313 | 358/473 | |
| 19 | Handheld document scanner | 382/313 | 358/412; 358/473 | |

| | Inventor | S | C | P | 2 | 3 | 4 | 5 | Image Doc. Displayed | PT |
|----|-----------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|
| 6 | Seal, Christopher Henry et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6333988 | <input type="checkbox"/> |
| 7 | Glaze, Mary L. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6320974 | <input type="checkbox"/> |
| 8 | Flores, L. Noah et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6310988 | <input type="checkbox"/> |
| 9 | Honma, Hideo | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6304313 | <input type="checkbox"/> |
| 10 | Rudd, Michael L et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6295391 | <input type="checkbox"/> |
| 11 | Kobayashi, Isao et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6295390 | <input type="checkbox"/> |
| 12 | Petteruti, Steven F. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6292595 | <input type="checkbox"/> |
| 13 | Oliver, Thomas C | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6289140 | <input type="checkbox"/> |
| 14 | Hu, Darwin et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6275309 | <input type="checkbox"/> |
| 15 | Oliver, Thomas C. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6226422 | <input type="checkbox"/> |
| 16 | Zwolinski, Jan Scott | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6208435 | <input type="checkbox"/> |
| 17 | Lipman, Adi et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6104845 | <input type="checkbox"/> |
| 18 | Browning, Denton R. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6081629 | <input type="checkbox"/> |
| 19 | Neukermans, Armand P. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6064779 | <input type="checkbox"/> |

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| 22 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6034379 A | 20000307 | 41 |
| 23 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6031941 A | 20000229 | 25 |
| 24 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5994710 A | 19991130 | 15 |
| 25 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5850058 A | 19981215 | 22 |
| 26 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5825502 A | 19981020 | 6 |
| 27 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5822082 A | 19981013 | 27 |
| 28 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5818028 A | 19981006 | 20 |
| 29 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5814827 A | 19980929 | 15 |
| 30 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5754713 A | 19980519 | 16 |

| | Title | Current OR | Current XRef | Retrieval Classif |
|----|---|------------|--|----------------------|
| 20 | Apparatus and method for tracking handwriting from visual input | 382/103 | 345/179; 382/186; 382/313 | |
| 21 | Person identifier and management system | 382/118 | 382/313 | |
| 22 | Code reader having replaceable optics assemblies supporting multiple illuminators | 250/566 | 235/472.01; 250/205; 382/313 | |
| 23 | Three-dimensional model data forming apparatus | 382/276 | 382/154; 382/285; 382/295; 382/312; 382/313; 382/318 | |
| 24 | Scanning mouse for a computer system | 250/557 | 250/208.1; 250/234; 250/559.44; 345/158; 345/163; 382/313 | |
| 25 | Information processor | 178/18.01 | 345/179; 345/183; 382/188; 382/313 | |
| 26 | Device for close-up photography of surfaces | 358/296 | 355/47; 358/401; 358/473; 358/498; 358/909.1; 382/313 | |
| 27 | Image processing apparatus | 358/401 | 358/444; 358/450; 358/452; 358/473; 382/284; 382/313 | |
| 28 | Portable data collection device with two dimensional imaging assembly | 235/472.01 | 235/462.01; 382/312; 382/313; 382/321 | |
| 29 | Optical scanner with extended depth of focus | 250/556 | 235/472.01; 250/566; 382/313 | |
| 30 | Image-reading device | 382/313 | 358/452; 358/473; 382/315 | |

| | Inventor | S | C | P | 2 | 3 | 4 | 5 | Image Doc. Displayed | PT |
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| 21 | Wang, John Y. A. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6038333 | <input type="checkbox"/> |
| 22 | Bunte, Alan G. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6034379 | <input type="checkbox"/> |
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| 25 | Tano, Shunichi et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 5850058 | <input type="checkbox"/> |
| 26 | Mayer, Rolf | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 5825502 | <input type="checkbox"/> |
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| 30 | Deguchi, Masanobu et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 5754713 | <input type="checkbox"/> |

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| | Title | Current OR | Current XRef | Retrieval Classif |
|----|---|------------|---|----------------------|
| 31 | Apparatus and method for sensing motion of a portable terminal | 235/472.01 | 235/439; 235/440; 235/470; 382/313; 708/141 | |
| 32 | Portable messaging and scheduling device with homebase station | 340/825.25 | 340/309.15; 340/825.19; 382/313; 708/105; 708/131 | |
| 33 | System for utilizing object oriented approach in a portable pen-based data acquisition system by passing digitized data by data type to hierarchically arranged program objects | 710/5 | 235/462.49; 235/472.03; 358/473; 382/313; 382/314 | |
| 34 | Hand-held data entry system removable signature pad | 382/313 | 178/18.01; 345/169; 708/141; D10/65 | |
| 35 | System and method for accounting for personnel at a site and system and method for providing personnel with information about an emergency site | 382/115 | 382/183; 382/313 | |
| 36 | Portable handwritten data capture device and method of using | 178/18.03 | 235/379; 235/380; 345/173; 345/179; 345/182; 382/119; 382/187; 382/313; 382/325 | |
| 37 | Apparatus and method for sensing positional orientations of a portable terminal | 235/472.01 | 235/439; 235/440; 235/462.31; 235/462.46; 235/470; 382/312; 382/313; 708/141 | |
| 38 | Portable fingerprint scanning apparatus for identification verification | 382/116 | 340/5.83; 348/158; 382/127; 382/313 | |
| 39 | System for entering handwritten data into computer generated forms | 382/187 | 345/17; 358/473; 382/313; 715/507 | |

| | Inventor | S | C | P | 2 | 3 | 4 | 5 | Image Doc. Displayed | PT |
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| 32 | Kumar, Rajendra | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 5648760 | <input type="checkbox"/> |
| 33 | Rosebrugh, Christopher et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 5630168 | <input type="checkbox"/> |
| 34 | Hacker, David C. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 5598487 | <input type="checkbox"/> |
| 35 | Piatek, John T. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 5596652 | <input type="checkbox"/> |
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| 37 | Barkan, Edward et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 5536930 | <input type="checkbox"/> |
| 38 | Fishbine, Glenn M. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 39 | Boyer, Monty L. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |

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| | Title | Current OR | Current XRef | Retrieval Classif |
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| 40 | Universal computer input device | 382/313 | 235/462.18; 235/462.41; 345/166; 358/486; 382/321 | |
| 41 | Multi-directional hand scanner and mouse | 345/156 | 345/163; 358/473; 382/313 | |
| 42 | Ultrasonic pen-type data input device | 178/19.02 | 178/18.04; 382/313 | |
| 43 | Rotation of images for optical character recognition | 382/290 | 358/486; 382/297; 382/313 | |
| 44 | Data input grid for computer | 341/20 | 178/18.01; 250/221; 345/179; 382/313 | |
| 45 | Hand-held data entry system and removable signature pad module therefor | 382/313 | 178/18.03; 345/156; 382/186; 708/141; D10/65 | |
| 46 | Translation system with optical reading means including a moveable read head | 704/3 | 235/462.45; 235/472.01; 382/313; D14/339 | |
| 47 | Portable data scanner apparatus | 235/472.02 | 235/462.48; 382/313 | |
| 48 | Optical character reader | 382/313 | 235/472.01; 358/497; 382/199 | |
| 49 | Method and portable device for detection, storage and for eventual processing and reproduction of graphic symbols appearing on any type of carrier | 358/296 | 346/143; 358/473; 382/313 | |
| 50 | Method for orienting a dual mouse optical scanner | 382/313 | 345/163; 358/473; 382/289 | |
| 51 | Hand-held manually sweeping apparatus for reading image data | 358/473 | 358/445; 382/313 | |
| 52 | Handwritten character-recognizing apparatus for automatically generating and displaying character frames | 382/179 | 382/185; 382/231; 382/313 | |
| 53 | Adaptive image acquisition system | 382/313 | 382/221 | |

| | Inventor | S | C | P | 2 | 3 | 4 | 5 | Image Doc. Displayed | PT |
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| 40 | Mak, Stephen M. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 41 | Chiu, Wing-Lim et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 42 | Biggs, Michael P. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 43 | Nafarieh, Asghar | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 44 | Allen, Gregory | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 45 | Hacker, David C. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 46 | Yamada, Yoshimi et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 47 | Zouzoulas, John et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 48 | Abramovitz, Robert G. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 49 | de Fay, Stefan G. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 50 | Massoudi, Firooz | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 51 | Tsuji, Akio et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 52 | Togawa, Fumio et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 53 | Faulkerson, James L. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |

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| 54 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4947261 A | 19900807 | |
| 55 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4942621 A | 19900717 | |
| 56 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4901364 A | 19900213 | |
| 57 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4899228 A | 19900206 | |
| 58 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4894730 A | 19900116 | |
| 59 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4890230 A | 19891226 | |
| 60 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4860377 A | 19890822 | |
| 61 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4809351 A | 19890228 | |
| 62 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4804949 A | 19890214 | |
| 63 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4797544 A | 19890110 | |
| 64 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4752965 A | 19880621 | |
| 65 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4581761 A | 19860408 | |
| 66 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4457016 A | 19840626 | |

| | Title | Current OR | Current XRef | Retrieval Classif |
|----|---|------------|--|----------------------|
| 54 | Portable image input device | 358/473 | 358/471; 358/474; 382/313 | |
| 55 | Method for mapping scanned pixel data | 382/313 | 358/474; 382/291 | |
| 56 | Interactive optical scanner system | 382/313 | 341/23; 348/552; 382/321 | |
| 57 | Manually sweeping apparatus with image sensor | 358/473 | 347/224; 358/497; 382/313; 400/193; 400/88; D18/36 | |
| 58 | Manually sweeping contact sensitive copier with image data memory | 358/473 | 382/313 | |
| 59 | Electronic dictionary | 704/3 | 235/472.01; 382/313; 400/109 | |
| 60 | Hand scanner input system and a sheet used in hand scanner input system | 382/282 | 235/470; 235/472.01; 250/566; 250/568; 358/443; 358/494; 382/313 | |
| 61 | Optical character reader | 382/313 | 235/474; 382/323 | |
| 62 | Hand-held optical scanner and computer mouse | 345/166 | 235/462.45; 235/472.01; 250/221; 382/313 | |
| 63 | Optical scanner including position sensors | 250/221 | 358/473; 358/497; 382/313 | |
| 64 | Sign verification | 382/119 | 235/379; 235/380; 340/5.52; 382/313 | |
| 65 | Manual image scanning system | 382/313 | 178/18.01; 345/166; 382/320 | |
| 66 | File label reading system | 382/313 | 235/454; 235/462.49; 235/472.03; 235/483; 235/484 | |

| | Inventor | S | C | P | 2 | 3 | 4 | 5 | Image Doc. Displayed | PT |
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| 54 | Ishikawa, Toshio et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 55 | Angwin, George T. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 56 | Faulkerson, James L. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 57 | Sano, Teruo et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 58 | Yanagawa, Nikio et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 59 | Tanoshima, Katsuhide et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 60 | Ishigaki, Toshinori | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 61 | Abramovitz, Robert G. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 62 | Faulkerson, James L. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 63 | Montgomery, James R. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 64 | Dunkley, Rowland A. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 65 | Ichinokawa, Kazuo et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 66 | Pfeffer, George B. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |

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| 72 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4088981 A | 19780509 | |
| 73 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4061380 A | 19771206 | |
| 74 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 3936596 A | 19760203 | |
| 75 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 3885096 A | 19750520 | |
| 76 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 3752961 A | 19730814 | |
| 77 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 3735395 A | 19730522 | |

| | Title | Current OR | Current XRef | Retrieval Classif |
|----|---|------------|---|----------------------|
| 67 | Display control of hand-written, memorized pattern at a preselected time | 382/189 | 368/108; 368/251; 368/9; 382/100; 382/313; 382/324; 708/110; 968/895; 968/967; 968/DIG.1 | |
| 68 | Portable laser scanning arrangement for and method of evaluating and validating bar code symbols | 235/462.2 | 235/462.34; 235/462.36; 235/462.45; 250/568; 359/202; 359/216; 382/313 | |
| 69 | Interface between data reading wand and cash register display | 235/383 | 235/472.03; 382/313 | |
| 70 | Optical recognition system | 382/313 | 235/454; 345/156; 382/324 | |
| 71 | Portable OCR system | 382/311 | 235/437; 382/313; D14/424 | |
| 72 | Automated data entry and display system | 382/313 | 382/181 | |
| 73 | Rotational strain relief with inline plug | 439/29 | 382/313 | |
| 74 | Optical projection apparatus | 348/107 | 178/15; 348/112; 382/313 | |
| 75 | Optical display device | 178/15 | 345/180; 345/7; 382/313 | |
| 76 | CIRCULAR TRACK CODED PATTERN READER | 235/437 | 235/462.03; 235/462.28; 235/494; 250/555; 324/76.83; 382/313 | |
| 77 | PROJECTION TYPE KEYBOARD DEVICE | 341/24 | 345/168; 345/179; 382/313 | |

| | Inventor | S | C | P | 2 | 3 | 4 | 5 | Image Doc. Displayed | PT |
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| 68 | Swartz, Jerome et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 69 | Hayman, Richard W. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 4204636 | <input type="checkbox"/> |
| 70 | McWaters, Lynn et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 71 | McWaters, Lynn D. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 72 | Gott, Stephen P. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 73 | Carnahan, Joe B. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 74 | Inuiya, Masafumi | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 75 | Inuiya, Masafumi | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 76 | Torrey, Bradford M. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| 77 | Iwabuchi, Yasuo et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |

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| 78 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 3735350 A | 19730522 | |

| | Title | Current OR | Current XRef | Retrieval Classif |
|----|----------------------|------------|---|----------------------|
| 78 | CODE SCANNING SYSTEM | 235/472.03 | 235/462.49; 235/468; 235/469; 235/473; 235/495; 369/20; 382/313 | |

| | Inventor | S | C | P | 2 | 3 | 4 | 5 | Image Doc. Displayed | PT |
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